

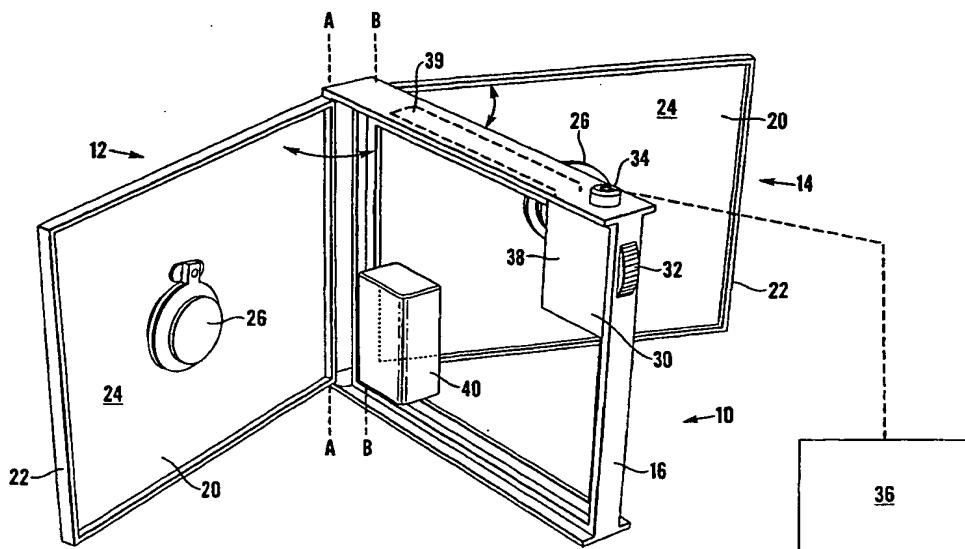
PCT

WORLD INTELLECTUAL PROPERTY ORGANIZATION
International Bureau



INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(51) International Patent Classification ⁷ :	A3	(11) International Publication Number:	WO 00/36875
H04R 5/00, 7/06		(43) International Publication Date:	22 June 2000 (22.06.00)
(21) International Application Number:	PCT/GB99/04142	(81) Designated States:	AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, ARIPO patent (GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG).
(22) International Filing Date:	14 December 1999 (14.12.99)	(30) Priority Data:	9827537.3 15 December 1998 (15.12.98) GB
(71) Applicant (for all designated States except US): WHARFEDALE INTERNATIONAL LIMITED [GB/GB]; I.A.G. House, Ermine Business Park, Huntingdon, Cambridgeshire PE18 6WA (GB).		(72) Inventors; and	
(75) Inventors/Applicants (for US only): CURTIS, Mervyn, Stanley [GB/GB]; Woodside, 23 North Road, St. Ives, Cambridgeshire PE17 4PR (GB). LONGBOTTOM, Simon, Andrew [GB/GB]; 76 Dart Close, St. Ives, Cambridgeshire PE17 6JB (GB). MCKAY, Justin, Lee [GB/GB]; 108 Mill Road, Royston, Hertfordshire SG8 7AJ (GB).		(74) Agent:	EVENS, Paul, Jonathan; Maguire Boss, 5 Crown Street, St. Ives, Cambridgeshire PE17 4EB (GB).
(54) Title:	LOUDSPEAKER	Published	With international search report.
		(88) Date of publication of the international search report:	14 September 2000 (14.09.00)



(57) Abstract

A portable loudspeaker (10) resembling a double CD case, comprises left- and right-hand lids (12, 14) pivotally coupled about parallel axes AA and BB to side walling (16). The side walling (16) forms an open box-like enclosure, with the left- and right-hand lids (12, 14) acting as the top and bottom surfaces to complete the enclosure when covering the opening at either end of the side walling (16). Each lid comprises a sound generating unit in the form of a distributed mode acoustic radiator (20). By adopting the shape of a double CD-case, the loudspeaker is more readily accepted as a portable loudspeaker by users of personal CD players. Similar considerations apply to portable loudspeakers shaped like single CD cases, audio-tape cassette cases and mini-disc cases.